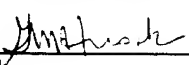


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Application Number	10/022,181	I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on February 11, 2002, under "EXPRESS MAIL" mailing label number EV 002152131 US, addressed to:  <b>Box Missing Parts</b> <b>Assistant Commissioner for Patents</b> <b>Washington D.C. 20231.</b>   Gina M. Husak
Filing Date	December 13, 2001	
First Named Inventor	Akira MATSUMOTO	
Art Unit	2874	
Examiner Name	Not Assigned	
Confirmation No.	1080	
Attorney Docket No.	939 035	

Box Missing Parts  
 Assistant Commissioner for Patents  
 Washington, DC 20231

**COMPLETION OF FILING REQUIREMENTS  
 — NONPROVISIONAL APPLICATION**

Sir:

1. ☒ This replies to the Notice to File Missing Parts of Nonprovisional Application mailed January 28, 2002.

- ☒ A copy of the Notice to File Missing Parts of Nonprovisional Application—Filing Date Granted is enclosed.

**2. Declaration or Oath**

- ☒ No Declaration or Oath was filed. Enclosed is the original Declaration or Oath for this application.

**3. Transmittal of English Translation of Non-English Language Papers**

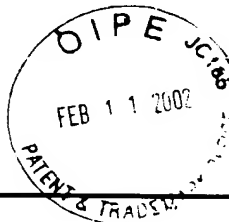
- ☐ Submitted herewith is an English translation of the non-English language application papers as originally filed. Also submitted herewith is a statement by the translator of the accuracy of the translation. It is requested that this translation be used as the copy for examination purposes in the PTO.

**4. Other Papers Enclosed**

- ☒ Replacement pages of specification (pp.1-15), claims (p.16), and abstract (p.17); the replacement pages contain no new matter.
- ☒ Replace pages of drawings (4 pages: Figs. 1A-4B); the replacement pages contain no new matter.
- ☒ An Assignment with Assignment Transmittal
- ☒ Submission of Certified Copies of Priority Documents and 2 Japanese documents

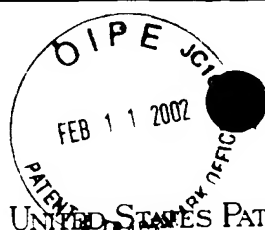
**5. The filing fee has been calculated as shown below:**

<b>Basic Filing Fee</b> (37 CFR §1.16(a))					\$ 740.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	2 - 20 =	0	×	\$ 18.00	\$ .00
Indep. Claims	2 - 3 =	0	×	\$ 84.00	\$ .00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			-	\$ 280.00	\$ .00



<b>6. Surcharge Fees</b> (37 CFR 1.16(e))		
<input checked="" type="checkbox"/> late payment of filing fee and/or		\$ 130.00
<input checked="" type="checkbox"/> late filing of original declaration or oath		
<b>7. Extension of Time</b>		
a. <input checked="" type="checkbox"/> Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.		
<b>OR</b>		
b. <input type="checkbox"/> Applicant petitions for an extension of time, the fees for which are set out in 37 C.F.R. 1.17(a)(1)-(4), for the total number of months checked below:		
<input type="checkbox"/> One Month (37 CFR 1.17(a)(1)) ..... \$ 110.00		\$
<input type="checkbox"/> Two Months (37 CFR 1.17(a)(2)) ..... \$ 400.00		
<input type="checkbox"/> Three Months (37 CFR 1.17(a)(3)) ..... \$ 920.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ .00
<b>8. Small Entity Status</b>		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$ .00
<b>SUBTOTAL =</b>		\$ .00
<input type="checkbox"/> Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(i) and 1.52(d))		\$ .00
<input checked="" type="checkbox"/> Assignment Fee (37 CFR §1.21(h))		\$ 40.00
<b>TOTAL FEES DUE =</b>		\$ 910.00
<b>9. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment</b>		
<input checked="" type="checkbox"/> A check in the amount of \$910.00 is enclosed.		
<input type="checkbox"/> Charge Deposit Account 50-1446 in the amount of \$_____. Enclosed is a duplicate copy of this sheet.		
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 50-1446:		
a. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.16.		
b. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.17.		
c. <input type="checkbox"/> Fees required under 37 CFR 1.18.		

<b>Submitted By:</b>					
Name	Stephen P. Burr	Reg. No.	32,970	Customer No.	025191
		Telephone	(315) 233-8300	Facsimile	(315) 233-8320
Signature				Date	February 11, 2002

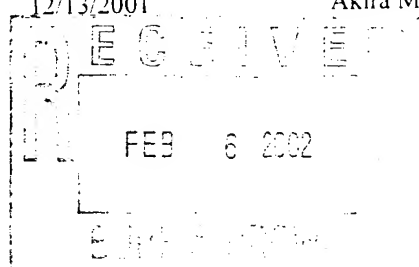


UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
WWW.USPTO.GOV

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10,022,181	12/13/2001	Akira Matsumoto	939_035

25191  
BURR & BROWN  
PO BOX 7068  
SYRACUSE, NY 13261-7068



CONFIRMATION NO. 1080

FORMALITIES LETTER



\*OC000000007379706\*

Date Mailed: 01/28/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 870.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- A substitute specification in compliance with 37 CFR 1.52 because:
  - The specification cannot be scanned or properly stored. Page(s)

02/20/2002 MWOLDER1 00000094 10022181

01 FC:101  
02 FC:105

740.00 BP  
130.00 OP

Papers must be legibly written either by a typewriter or mechanical printer in permanent ink or its equivalent in portrait orientation on flexible, strong, smooth, non-shiny, durable, and white paper. Application papers must be presented in a form having sufficient clarity and contrast between the paper and the writing thereon to permit the direct reproduction of readily legible copies in any number by use of photographic, electrostatic, photo-offset, and microfilming processes and electronic reproduction by

use of digital imaging and optical character recognition. Pages 1-17 are not in compliance with 37 CFR 1.52(a). *The drawings filed are unacceptable because:*  
*Replacement page(s), together with a statement that the replacement page(s) contain no new matter, are required.*

---

*A copy of this notice **MUST** be returned with the reply.*

*Alicia Gordon*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE